

## Abstract

A process for enhancing the melt strength of polypropylene includes the steps of:

- mixing the polypropylene with at least 0.1-8 wt.% of an oligomer of maleimide or a derivative thereof, based on the amount of polypropylene, completely or substantially in the absence of peroxide;
- reacting the polypropylene and oligomer of maleimide or a derivative thereof at a temperature between 150° C and 300° C.